

Cambridge

Expected and Observed Case Counts, with Standardized Incidence Ratios, 1994 - 1998

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<u>Bladder, Urinary</u>				<u>Melanoma of Skin</u>			
Male	44.49	39	88	Male	31.91	34	107
Female	20.40	19	93	Female	28.61	15	52 ~-
Total	64.88	58	89	Total	60.53	49	81
<u>Brain and Other Central Nervous System</u>				<u>Multiple Myeloma</u>			
Male	17.19	16	93	Male	8.34	10	120
Female	14.45	12	83	Female	8.87	9	102
Total	31.64	28	89	Total	17.21	19	110
<u>Breast</u>				<u>Non-Hodgkin's Lymphoma</u>			
Male	2.90	7	241	Male	40.96	26	63 #-
Female	334.58	350	105	Female	38.86	31	80
Total	337.48	357	106	Total	79.82	57	71 ~-
<u>Cervix Uteri</u>				<u>Oral Cavity and Pharynx</u>			
Female	23.75	18	76	Male	30.76	29	94
				Female	16.14	15	93
				Total	46.90	44	94
<u>Colon / Rectum</u>				<u>Ovary</u>			
Male	111.98	102	91	Female	40.17	42	105
Female	128.49	109	85				
Total	240.47	211	88				
<u>Esophagus</u>				<u>Pancreas</u>			
Male	16.20	16	99	Male	17.76	14	79
Female	6.56	7	107	Female	22.00	18	82
Total	22.76	23	101	Total	39.75	32	80
<u>Hodgkin's Disease</u>				<u>Prostate</u>			
Male	10.78	9	83	Male	258.98	309	119 ~+
Female	8.60	5	58				
Total	19.38	14	72				
<u>Kidney and Renal Pelvis</u>				<u>Stomach</u>			
Male	27.00	21	78	Male	19.33	15	78
Female	18.87	19	101	Female	14.14	16	113
Total	45.88	40	87	Total	33.47	31	93
<u>Larynx</u>				<u>Testis</u>			
Male	15.11	13	86	Male	18.93	15	79
Female	4.51	5	111				
Total	19.62	18	92				
<u>Leukemia</u>				<u>Thyroid</u>			
Male	21.32	15	70	Male	7.75	6	77
Female	18.67	12	64	Female	22.38	18	80
Total	40.00	27	68 #-	Total	30.13	24	80
<u>Liver and Intrahepatic Bile Ducts</u>				<u>Uteri, Corpus and Uterus, NOS</u>			
Male	9.93	13	131	Female	61.49	57	93
Female	4.65	7	151				
Total	14.58	20	137				
<u>Lung and Bronchus</u>				<u>All Sites / Types</u>			
Male	140.51	121	86	Male	919.62	895	97
Female	127.21	98	77 ~-	Female	1039.85	950	91 ~-
Total	267.73	219	82 ~-	Total	1959.47	1845	94 ~-

Exp = expected case count, based on the Massachusetts average age-specific incidence rates for this cancer

Obs = observed case count

SIR = standardized incidence ratio [**Obs** / **Exp**] X 100]

* = **SIR** and statistical significance not calculated when **Obs** < 5

+ indicates number of observed cases is statistically significantly higher than the expected number of cases

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indicates statistical significance at the $p \leq 0.05$ level

~ indicates statistical significance at the $p \leq 0.01$ level, as well as at the $p \leq 0.05$ level

^ indicates statistical significance at the $p \leq 0.001$ level, as well as at the $p \leq 0.01$ and $p \leq 0.05$ levels

Canton

Expected and Observed Case Counts, with Standardized Incidence Ratios, 1994 - 1998

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<u>Bladder, Urinary</u>				<u>Melanoma of Skin</u>			
Male	11.98	15	125	Male	7.71	6	78
Female	4.69	10	213 #+	Female	6.13	6	98
Total	16.67	25	150	Total	13.83	12	87
<u>Brain and Other Central Nervous System</u>				<u>Multiple Myeloma</u>			
Male	4.06	4	NC*	Male	2.29	2	NC*
Female	3.28	4	NC*	Female	2.14	2	NC*
Total	7.33	8	109	Total	4.43	4	NC*
<u>Breast</u>				<u>Non-Hodgkin's Lymphoma</u>			
Male	0.77	0	NC*	Male	9.70	6	62
Female	78.72	92	117	Female	8.88	15	169
Total	79.50	92	116	Total	18.58	21	113
<u>Cervix Uteri</u>				<u>Oral Cavity and Pharynx</u>			
Female	4.79	5	104	Male	8.02	4	NC*
				Female	3.82	4	NC*
				Total	11.84	8	68
<u>Colon / Rectum</u>				<u>Ovary</u>			
Male	30.38	36	118	Female	9.27	9	97
Female	29.37	57	194 ^+				
Total	59.75	93	156 ^+				
<u>Esophagus</u>				<u>Pancreas</u>			
Male	4.49	4	NC*	Male	4.81	4	NC*
Female	1.51	1	NC*	Female	5.14	6	117
Total	6.00	5	83	Total	9.95	10	101
<u>Hodgkin's Disease</u>				<u>Prostate</u>			
Male	1.93	2	NC*	Male	75.37	103	137 ~+
Female	1.58	1	NC*				
Total	3.51	3	NC*				
<u>Kidney and Renal Pelvis</u>				<u>Stomach</u>			
Male	7.20	9	125	Male	5.05	3	NC*
Female	4.58	5	109	Female	3.14	4	NC*
Total	11.79	14	119	Total	8.19	7	85
<u>Larynx</u>				<u>Testis</u>			
Male	4.18	1	NC*	Male	2.94	2	NC*
Female	1.17	1	NC*				
Total	5.35	2	NC*				
<u>Leukemia</u>				<u>Thyroid</u>			

Male	5.27	9	171
Female	4.20	9	214
Total	9.46	18	190 #+

Liver and Intrahepatic Bile Ducts

Male	2.65	2	NC*
Female	1.10	1	NC*
Total	3.75	3	NC*

Lung and Bronchus

Male	39.55	36	91
Female	31.95	38	119
Total	71.50	74	103

Male	1.59	2	NC*
Female	4.28	4	NC*
Total	5.87	6	102

Uteri, Corpus and Uterus, NOS

Female	15.18	17	112
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All Sites / Types

Male	246.47	268	109
Female	242.00	315	130 ^+
Total	488.46	583	119 ^+

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Carlisle

Expected and Observed Case Counts, with Standardized Incidence Ratios, 1994 - 1998

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<u>Bladder, Urinary</u>			
Male	2.75	2	NC*
Female	0.79	0	NC*
Total	3.54	2	NC*

Brain and Other Central Nervous System

Male	0.96	2	NC*
Female	0.64	0	NC*
Total	1.60	2	NC*

Breast

Male	0.19	0	NC*
Female	16.63	20	120
Total	16.81	20	119

Cervix Uteri

Female	1.00	0	NC*
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Colon / Rectum

Male	6.98	5	72
Female	4.82	4	NC*
Total	11.80	9	76

Esophagus

Male	1.15	0	NC*
Female	0.24	0	NC*
Total	1.39	0	NC*

Hodgkin's Disease

Male	0.37	0	NC*
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	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<u>Melanoma of Skin</u>			
Male	1.87	0	NC*
Female	1.24	2	NC*
Total	3.10	2	NC*

Multiple Myeloma

Male	0.55	1	NC*
Female	0.40	0	NC*
Total	0.95	1	NC*

Non-Hodgkin's Lymphoma

Male	2.25	1	NC*
Female	1.59	0	NC*
Total	3.85	1	NC*

Oral Cavity and Pharynx

Male	2.11	2	NC*
Female	0.76	1	NC*
Total	2.87	3	NC*

Ovary

Female	1.95	2	NC*
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Pancreas

Male	1.17	2	NC*
Female	0.86	1	NC*
Total	2.03	3	NC*

Prostate

Male	18.46	8	43 #-
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Female	0.28	2	NC*				
Total	0.65	2	NC*				
<u>Kidney and Renal Pelvis</u>				<u>Stomach</u>			
Male	1.81	2	NC*	Male	1.19	1	NC*
Female	0.88	1	NC*	Female	0.51	0	NC*
Total	2.69	3	NC*	Total	1.70	1	NC*
<u>Larynx</u>				<u>Testis</u>			
Male	1.09	0	NC*	Male	0.48	0	NC*
Female	0.25	0	NC*				
Total	1.35	0	NC*				
<u>Leukemia</u>				<u>Thyroid</u>			
Male	1.22	1	NC*	Male	0.37	0	NC*
Female	0.79	2	NC*	Female	0.86	4	NC*
Total	2.00	3	NC*	Total	1.23	4	NC*
<u>Liver and Intrahepatic Bile Ducts</u>				<u>Uteri, Corpus and Uterus, NOS</u>			
Male	0.66	0	NC*	Female	3.26	4	NC*
Female	0.19	0	NC*				
Total	0.85	0	NC*				
<u>Lung and Bronchus</u>				<u>All Sites / Types</u>			
Male	9.52	3	NC*	Male	58.88	37	63 ~-
Female	6.10	3	NC*	Female	47.07	47	100
Total	15.62	6	38 #-	Total	105.96	84	79 #-

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Carver

Expected and Observed Case Counts, with Standardized Incidence Ratios, 1994 - 1998

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<u>Bladder, Urinary</u>				<u>Melanoma of Skin</u>			
Male	7.48	10	134	Male	4.49	5	111
Female	2.70	5	185	Female	3.32	7	211
Total	10.18	15	147	Total	7.81	12	154
<u>Brain and Other Central Nervous System</u>				<u>Multiple Myeloma</u>			
Male	2.30	0	NC*	Male	1.40	2	NC*
Female	1.83	1	NC*	Female	1.21	2	NC*
Total	4.14	1	NC*	Total	2.62	4	NC*
<u>Breast</u>				<u>Non-Hodgkin's Lymphoma</u>			
Male	0.47	1	NC*	Male	5.71	6	105
Female	42.74	36	84	Female	5.01	7	140
Total	43.21	37	86	Total	10.71	13	121
<u>Cervix Uteri</u>				<u>Oral Cavity and Pharynx</u>			
Female	2.51	0	NC*	Male	4.59	12	262 ~+
				Female	2.11	1	NC*

				Total	6.70	13	194 #+
<u>Colon / Rectum</u>				<u>Ovary</u>			
Male	18.49	11	59				
Female	17.04	22	129	Female	5.02	1	NC*
Total	35.53	33	93				
<u>Esophagus</u>				<u>Pancreas</u>			
Male	2.60	4	NC*	Male	2.87	1	NC*
Female	0.87	1	NC*	Female	2.93	4	NC*
Total	3.47	5	144	Total	5.80	5	86
<u>Hodgkin's Disease</u>				<u>Prostate</u>			
Male	1.03	1	NC*	Male	42.49	40	94
Female	0.86	1	NC*				
Total	1.89	2	NC*				
<u>Kidney and Renal Pelvis</u>				<u>Stomach</u>			
Male	4.19	8	191	Male	3.15	2	NC*
Female	2.55	2	NC*	Female	1.82	1	NC*
Total	6.74	10	148	Total	4.96	3	NC*
<u>Larynx</u>				<u>Testis</u>			
Male	2.37	5	211	Male	1.47	0	NC*
Female	0.63	2	NC*				
Total	3.00	7	233				
<u>Leukemia</u>				<u>Thyroid</u>			
Male	3.21	3	NC*	Male	0.85	1	NC*
Female	2.42	6	248	Female	2.25	4	NC*
Total	5.63	9	160	Total	3.10	5	161
<u>Liver and Intrahepatic Bile Ducts</u>				<u>Uteri, Corpus and Uterus, NOS</u>			
Male	1.53	1	NC*				
Female	0.63	0	NC*	Female	8.26	6	73
Total	2.16	1	NC*				
<u>Lung and Bronchus</u>				<u>All Sites / Types</u>			
Male	22.89	25	109	Male	143.63	155	108
Female	17.77	26	146	Female	134.25	146	109
Total	40.66	51	125	Total	277.88	301	108

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Charlemont

Expected and Observed Case Counts, with Standardized Incidence Ratios, 1994 - 1998

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<u>Bladder, Urinary</u>				<u>Melanoma of Skin</u>			
Male	0.88	1	NC*	Male	0.54	0	NC*
Female	0.27	1	NC*	Female	0.36	0	NC*
Total	1.14	2	NC*	Total	0.89	0	NC*

Brain and Other Central Nervous System

Male	0.28	0	NC*
Female	0.19	0	NC*
Total	0.47	0	NC*

Breast

Male	0.06	0	NC*
Female	4.64	7	151
Total	4.70	7	149

Cervix Uteri

Female	0.28	0	NC*
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Colon / Rectum

Male	2.21	4	NC*
Female	1.66	3	NC*
Total	3.88	7	181

Esophagus

Male	0.33	0	NC*
Female	0.09	0	NC*
Total	0.41	0	NC*

Hodgkin's Disease

Male	0.12	0	NC*
Female	0.09	0	NC*
Total	0.21	0	NC*

Kidney and Renal Pelvis

Male	0.51	0	NC*
Female	0.27	0	NC*
Total	0.78	0	NC*

Larynx

Male	0.30	2	NC*
Female	0.07	0	NC*
Total	0.37	2	NC*

Leukemia

Male	0.37	1	NC*
Female	0.25	0	NC*
Total	0.62	1	NC*

Liver and Intrahepatic Bile Ducts

Male	0.19	0	NC*
Female	0.06	0	NC*
Total	0.25	0	NC*

Lung and Bronchus

Male	2.86	2	NC*
Female	1.84	4	NC*
Total	4.70	6	128

Multiple Myeloma

Male	0.16	1	NC*
Female	0.12	0	NC*
Total	0.29	1	NC*

Non-Hodgkin's Lymphoma

Male	0.67	0	NC*
Female	0.51	0	NC*
Total	1.18	0	NC*

Oral Cavity and Pharynx

Male	0.57	0	NC*
Female	0.22	1	NC*
Total	0.79	1	NC*

Ovary

Female	0.55	0	NC*
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Pancreas

Male	0.35	1	NC*
Female	0.29	0	NC*
Total	0.64	1	NC*

Prostate

Male	5.50	4	NC*
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Stomach

Male	0.37	0	NC*
Female	0.18	0	NC*
Total	0.55	0	NC*

Testis

Male	0.16	1	NC*
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Thyroid

Male	0.10	0	NC*
Female	0.24	0	NC*
Total	0.35	0	NC*

Uteri, Corpus and Uterus, NOS

Female	0.90	2	NC*
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All Sites / Types

Male	17.68	19	107
Female	14.06	20	142
Total	31.74	39	123

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Charlton

Expected and Observed Case Counts, with Standardized Incidence Ratios, 1994 - 1998

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<u>Bladder, Urinary</u>				<u>Melanoma of Skin</u>			
Male	4.78	7	147	Male	3.52	2	NC*
Female	1.57	1	NC*	Female	2.65	5	188
Total	6.35	8	126	Total	6.17	7	113
<u>Brain and Other Central Nervous System</u>				<u>Multiple Myeloma</u>			
Male	1.97	3	NC*	Male	0.94	1	NC*
Female	1.40	1	NC*	Female	0.74	0	NC*
Total	3.37	4	NC*	Total	1.68	1	NC*
<u>Breast</u>				<u>Non-Hodgkin's Lymphoma</u>			
Male	0.32	0	NC*	Male	4.41	6	136
Female	31.12	46	148 #+	Female	3.27	5	153
Total	31.44	46	146 #+	Total	7.69	11	143
<u>Cervix Uteri</u>				<u>Oral Cavity and Pharynx</u>			
Female	2.28	1	NC*	Male	3.68	2	NC*
				Female	1.44	0	NC*
				Total	5.12	2	NC*
<u>Colon / Rectum</u>				<u>Ovary</u>			
Male	12.10	13	107	Female	3.79	1	NC*
Female	9.77	9	92				
Total	21.87	22	101				
<u>Esophagus</u>				<u>Pancreas</u>			
Male	1.91	0	NC*	Male	2.00	1	NC*
Female	0.49	0	NC*	Female	1.69	2	NC*
Total	2.40	0	NC*	Total	3.69	3	NC*
<u>Hodgkin's Disease</u>				<u>Prostate</u>			
Male	1.05	3	NC*	Male	30.17	16	53 ~-
Female	0.83	0	NC*				
Total	1.88	3	NC*				
<u>Kidney and Renal Pelvis</u>				<u>Stomach</u>			
Male	3.17	5	158	Male	2.09	2	NC*
Female	1.66	1	NC*	Female	1.08	1	NC*
Total	4.83	6	124	Total	3.17	3	NC*
<u>Larynx</u>				<u>Testis</u>			
Male	1.83	1	NC*	Male	1.65	0	NC*
Female	0.42	1	NC*				
Total	2.25	2	NC*				
<u>Leukemia</u>				<u>Thyroid</u>			
Male	2.43	2	NC*	Male	0.81	0	NC*
Female	1.75	1	NC*	Female	2.17	4	NC*
Total	4.18	3	NC*	Total	2.98	4	NC*
<u>Liver and Intrahepatic Bile Ducts</u>				<u>Uteri, Corpus and Uterus, NOS</u>			
Male	1.15	0	NC*	Female	5.76	7	122
Female	0.38	1	NC*				
Total	1.53	1	NC*				
<u>Lung and Bronchus</u>				<u>All Sites / Types</u>			

Male	16.02	13	81	Male	103.24	81	78 #-
Female	10.92	10	92	Female	91.52	106	116
Total	26.94	23	85	Total	194.76	187	96

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SIR = standardized incidence ratio [**Obs** / **Exp**) X 100]

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Chatham

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	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<u>Bladder, Urinary</u>				<u>Melanoma of Skin</u>			
Male	11.14	10	90	Male	5.15	9	175
Female	4.10	7	171	Female	3.40	6	176
Total	15.24	17	112	Total	8.55	15	175
<u>Brain and Other Central Nervous System</u>				<u>Multiple Myeloma</u>			
Male	2.24	3	NC*	Male	1.92	1	NC*
Female	1.81	2	NC*	Female	1.62	1	NC*
Total	4.05	5	123	Total	3.53	2	NC*
<u>Breast</u>				<u>Non-Hodgkin's Lymphoma</u>			
Male	0.64	1	NC*	Male	6.75	5	74
Female	47.47	63	133 #+	Female	6.41	10	156
Total	48.11	64	133 #+	Total	13.16	15	114
<u>Cervix Uteri</u>				<u>Oral Cavity and Pharynx</u>			
Female	2.04	0	NC*	Male	5.03	3	NC*
				Female	2.60	3	NC*
				Total	7.63	6	79
<u>Colon / Rectum</u>				<u>Ovary</u>			
Male	27.13	15	55 #-	Female	5.31	4	NC*
Female	25.91	16	62				
Total	53.04	31	58 ~-				
<u>Esophagus</u>				<u>Pancreas</u>			
Male	3.33	2	NC*	Male	3.96	1	NC*
Female	1.36	1	NC*	Female	4.44	2	NC*
Total	4.69	3	NC*	Total	8.40	3	NC*
<u>Hodgkin's Disease</u>				<u>Prostate</u>			
Male	0.71	0	NC*	Male	58.21	91	156 ^+
Female	0.61	1	NC*				
Total	1.32	1	NC*				
<u>Kidney and Renal Pelvis</u>				<u>Stomach</u>			
Male	4.97	7	141	Male	4.52	1	NC*
Female	3.13	3	NC*	Female	2.79	2	NC*
Total	8.10	10	123	Total	7.31	3	NC*
<u>Larynx</u>				<u>Testis</u>			
Male	2.79	4	NC*	Male	0.77	1	NC*

Female	0.71	0	NC*
Total	3.50	4	NC*

Leukemia

Male	3.77	8	212
Female	2.82	2	NC*
Total	6.59	10	152

Liver and Intrahepatic Bile Ducts

Male	1.87	2	NC*
Female	0.88	1	NC*
Total	2.75	3	NC*

Lung and Bronchus

Male	31.16	23	74
Female	22.33	22	99
Total	53.49	45	84

Thyroid

Male	0.68	1	NC*
Female	1.62	1	NC*
Total	2.29	2	NC*

Uteri, Corpus and Uterus, NOS

Female	9.31	14	150
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All Sites / Types

Male	189.71	200	105
Female	164.17	175	107
Total	353.88	375	106

Exp = expected case count, based on the Massachusetts average age-specific incidence rates for this cancer

Obs = observed case count

SIR = standardized incidence ratio [**Obs** / **Exp**] X 100]

* = **SIR** and statistical significance not calculated when **Obs** < 5

+ indicates number of observed cases is statistically significantly higher than the expected number of cases

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indicates statistical significance at the $p \leq 0.05$ level

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Chelmsford

Expected and Observed Case Counts, with Standardized Incidence Ratios, 1994 - 1998

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<u>Bladder, Urinary</u>			
Male	19.41	26	134
Female	7.24	7	97
Total	26.65	33	124

Brain and Other Central Nervous System

Male	7.18	10	139
Female	5.46	4	NC*
Total	12.64	14	111

Breast

Male	1.30	2	NC*
Female	133.65	140	105
Total	134.95	142	105

Cervix Uteri

Female	8.44	6	71
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Colon / Rectum

Male	49.35	59	120
Female	44.96	60	133 #+
Total	94.30	119	126 #+

Esophagus

Male	7.72	6	78
Female	2.29	1	NC*

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<u>Melanoma of Skin</u>			
Male	13.46	10	74
Female	10.46	10	96
Total	23.93	20	84

Multiple Myeloma

Male	3.79	7	184
Female	3.42	3	NC*
Total	7.21	10	139

Non-Hodgkin's Lymphoma

Male	16.71	15	90
Female	14.16	12	85
Total	30.88	27	87

Oral Cavity and Pharynx

Male	14.33	13	91
Female	6.32	6	95
Total	20.64	19	92

Ovary

Female	15.80	25	158 #+
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Pancreas

Male	8.07	3	NC*
Female	7.91	10	126

Total	10.01	7	70
<u>Hodgkin's Disease</u>			
Male	3.49	4	NC*
Female	2.70	3	NC*
Total	6.19	7	113
<u>Kidney and Renal Pelvis</u>			
Male	12.46	21	169 #+
Female	7.44	4	NC*
Total	19.90	25	126
<u>Larynx</u>			
Male	7.33	8	109
Female	1.97	1	NC*
Total	9.29	9	97
<u>Leukemia</u>			
Male	8.98	3	NC*
Female	6.86	10	146
Total	15.85	13	82
<u>Liver and Intrahepatic Bile Ducts</u>			
Male	4.57	3	NC*
Female	1.71	0	NC*
Total	6.29	3	NC*
<u>Lung and Bronchus</u>			
Male	65.67	56	85
Female	51.20	42	82
Total	116.87	98	84

Total	15.98	13	81
<u>Prostate</u>			
Male	125.40	117	93
<u>Stomach</u>			
Male	8.36	7	84
Female	4.83	5	103
Total	13.19	12	91
<u>Testis</u>			
Male	5.33	7	131
<u>Thyroid</u>			
Male	2.91	2	NC*
Female	7.57	10	132
Total	10.48	12	114
<u>Uteri, Corpus and Uterus, NOS</u>			
Female	25.70	19	74
<u>All Sites / Types</u>			
Male	413.49	410	99
Female	397.25	402	101
Total	810.73	812	100

Exp = expected case count, based on the Massachusetts average age-specific incidence rates for this cancer

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Chelsea

Expected and Observed Case Counts, with Standardized Incidence Ratios, 1994 - 1998

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<u>Bladder, Urinary</u>			
Male	16.27	10	61
Female	6.04	1	NC*
Total	22.31	11	49 #-
<u>Brain and Other Central Nervous System</u>			
Male	5.40	5	93
Female	4.24	2	NC*
Total	9.63	7	73
<u>Breast</u>			
Male	1.01	0	NC*
Female	93.88	75	80
Total	94.90	75	79 #-

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<u>Melanoma of Skin</u>			
Male	10.05	4	NC*
Female	7.84	4	NC*
Total	17.89	8	45 #-
<u>Multiple Myeloma</u>			
Male	2.98	4	NC*
Female	2.61	2	NC*
Total	5.58	6	107
<u>Non-Hodgkin's Lymphoma</u>			
Male	13.08	18	138
Female	11.29	9	80
Total	24.37	27	111

Cervix Uteri

Female	6.24	8	128
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Colon / Rectum

Male	40.60	57	140 #+
Female	38.15	41	107
Total	78.75	98	124 #+

Esophagus

Male	5.55	13	234 ~+
Female	1.95	3	NC*
Total	7.50	16	213 ~+

Hodgkin's Disease

Male	2.89	2	NC*
Female	2.34	1	NC*
Total	5.23	3	NC*

Kidney and Renal Pelvis

Male	9.01	11	122
Female	5.53	11	199
Total	14.54	22	151

Larynx

Male	5.01	8	160
Female	1.30	2	NC*
Total	6.32	10	158

Leukemia

Male	7.32	4	NC*
Female	5.64	6	106
Total	12.95	10	77

Liver and Intrahepatic Bile Ducts

Male	3.32	7	211
Female	1.39	3	NC*
Total	4.72	10	212 #+

Lung and Bronchus

Male	49.81	95	191 ^+
Female	37.45	64	171 ^+
Total	87.26	159	182 ^+

Oral Cavity and Pharynx

Male	9.78	19	194 #+
Female	4.64	7	151
Total	14.42	26	180 ~+

Ovary

Female	11.23	12	107
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Pancreas

Male	6.22	4	NC*
Female	6.53	13	199 #+
Total	12.76	17	133

Prostate

Male	92.56	79	85
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Stomach

Male	6.85	10	146
Female	4.16	4	NC*
Total	11.01	14	127

Testis

Male	4.60	4	NC*
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Thyroid

Male	2.10	2	NC*
Female	5.85	4	NC*
Total	7.95	6	75

Uteri, Corpus and Uterus, NOS

Female	17.51	13	74
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All Sites / Types

Male	317.25	378	119 ^+
Female	298.20	315	106
Total	615.46	693	113 ~+

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Cheshire

Expected and Observed Case Counts, with Standardized Incidence Ratios, 1994 - 1998

<u>Bladder, Urinary</u>	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>	<u>Melanoma of Skin</u>	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
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Male	2.63	2	NC*
Female	0.83	0	NC*
Total	3.46	2	NC*

Brain and Other Central Nervous System

Male	0.84	1	NC*
Female	0.60	0	NC*
Total	1.43	1	NC*

Breast

Male	0.17	1	NC*
Female	14.58	8	55
Total	14.75	9	61

Cervix Uteri

Female	0.88	0	NC*
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Colon / Rectum

Male	6.61	8	121
Female	5.19	6	116
Total	11.80	14	119

Esophagus

Male	0.98	1	NC*
Female	0.26	0	NC*
Total	1.24	1	NC*

Hodgkin's Disease

Male	0.36	0	NC*
Female	0.28	0	NC*
Total	0.64	0	NC*

Kidney and Renal Pelvis

Male	1.55	1	NC*
Female	0.83	0	NC*
Total	2.39	1	NC*

Larynx

Male	0.91	0	NC*
Female	0.22	0	NC*
Total	1.13	0	NC*

Leukemia

Male	1.11	1	NC*
Female	0.76	0	NC*
Total	1.87	1	NC*

Liver and Intrahepatic Bile Ducts

Male	0.57	0	NC*
Female	0.20	0	NC*
Total	0.77	0	NC*

Lung and Bronchus

Male	8.56	6	70
Female	5.84	3	NC*
Total	14.39	9	63

Male	1.63	1	NC*
Female	1.12	0	NC*
Total	2.76	1	NC*

Multiple Myeloma

Male	0.50	0	NC*
Female	0.39	0	NC*
Total	0.89	0	NC*

Non-Hodgkin's Lymphoma

Male	2.04	0	NC*
Female	1.60	2	NC*
Total	3.63	2	NC*

Oral Cavity and Pharynx

Male	1.73	0	NC*
Female	0.70	0	NC*
Total	2.43	0	NC*

Ovary

Female	1.71	2	NC*
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Pancreas

Male	1.05	1	NC*
Female	0.91	0	NC*
Total	1.96	1	NC*

Prostate

Male	16.30	8	49 #-
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Stomach

Male	1.11	1	NC*
Female	0.55	2	NC*
Total	1.66	3	NC*

Testis

Male	0.50	0	NC*
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Thyroid

Male	0.31	0	NC*
Female	0.78	0	NC*
Total	1.10	0	NC*

Uteri, Corpus and Uterus, NOS

Female	2.83	3	NC*
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All Sites / Types

Male	52.98	33	62 ~-
Female	44.11	28	63 #-
Total	97.08	61	63 ^-

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Chester

Expected and Observed Case Counts, with Standardized Incidence Ratios, 1994 - 1998

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<u>Bladder, Urinary</u>				<u>Melanoma of Skin</u>			
Male	0.86	0	NC*	Male	0.58	0	NC*
Female	0.27	1	NC*	Female	0.38	0	NC*
Total	1.13	1	NC*	Total	0.96	0	NC*
<u>Brain and Other Central Nervous System</u>				<u>Multiple Myeloma</u>			
Male	0.31	0	NC*	Male	0.17	0	NC*
Female	0.21	0	NC*	Female	0.13	0	NC*
Total	0.52	0	NC*	Total	0.29	0	NC*
<u>Breast</u>				<u>Non-Hodgkin's Lymphoma</u>			
Male	0.06	0	NC*	Male	0.73	2	NC*
Female	4.77	12	251 ~+	Female	0.53	0	NC*
Total	4.83	12	248 ~+	Total	1.26	2	NC*
<u>Cervix Uteri</u>				<u>Oral Cavity and Pharynx</u>			
Female	0.31	2	NC*	Male	0.61	0	NC*
				Female	0.23	0	NC*
				Total	0.84	0	NC*
<u>Colon / Rectum</u>				<u>Ovary</u>			
Male	2.18	1	NC*	Female	0.57	0	NC*
Female	1.68	1	NC*				
Total	3.87	2	NC*				
<u>Esophagus</u>				<u>Pancreas</u>			
Male	0.33	1	NC*	Male	0.35	1	NC*
Female	0.09	0	NC*	Female	0.30	0	NC*
Total	0.42	1	NC*	Total	0.65	1	NC*
<u>Hodgkin's Disease</u>				<u>Prostate</u>			
Male	0.15	0	NC*	Male	5.46	2	NC*
Female	0.11	0	NC*				
Total	0.26	0	NC*				
<u>Kidney and Renal Pelvis</u>				<u>Stomach</u>			
Male	0.54	0	NC*	Male	0.37	1	NC*
Female	0.28	0	NC*	Female	0.18	0	NC*
Total	0.82	0	NC*	Total	0.54	1	NC*
<u>Larynx</u>				<u>Testis</u>			
Male	0.31	0	NC*	Male	0.23	0	NC*
Female	0.07	0	NC*				
Total	0.38	0	NC*				
<u>Leukemia</u>				<u>Thyroid</u>			
Male	0.40	1	NC*	Male	0.12	0	NC*
Female	0.26	0	NC*	Female	0.28	0	NC*
Total	0.66	1	NC*	Total	0.41	0	NC*
<u>Liver and Intrahepatic Bile Ducts</u>				<u>Uteri, Corpus and Uterus, NOS</u>			
Male	0.20	0	NC*				

Female	0.07	0	NC*
Total	0.26	0	NC*

Lung and Bronchus

Male	2.88	0	NC*
Female	1.92	3	NC*
Total	4.81	3	NC*

Female	0.92	0	NC*
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All Sites / Types

Male	18.07	9	50 #-
Female	14.56	20	137
Total	32.63	29	89

Exp = expected case count, based on the Massachusetts average age-specific incidence rates for this cancer

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Chesterfield

Expected and Observed Case Counts, with Standardized Incidence Ratios, 1994 - 1998

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<u>Bladder, Urinary</u>				<u>Melanoma of Skin</u>			
Male	0.64	0	NC*	Male	0.41	0	NC*
Female	0.17	0	NC*	Female	0.27	0	NC*
Total	0.81	0	NC*	Total	0.68	0	NC*
<u>Brain and Other Central Nervous System</u>				<u>Multiple Myeloma</u>			
Male	0.22	0	NC*	Male	0.12	0	NC*
Female	0.14	2	NC*	Female	0.08	0	NC*
Total	0.36	2	NC*	Total	0.21	0	NC*
<u>Breast</u>				<u>Non-Hodgkin's Lymphoma</u>			
Male	0.04	0	NC*	Male	0.51	0	NC*
Female	3.32	4	NC*	Female	0.35	0	NC*
Total	3.36	4	NC*	Total	0.86	0	NC*
<u>Cervix Uteri</u>				<u>Oral Cavity and Pharynx</u>			
Female	0.22	0	NC*	Male	0.43	0	NC*
<u>Colon / Rectum</u>				Female	0.15	0	NC*
Male	1.62	0	NC*	Total	0.59	0	NC*
Female	1.07	1	NC*	<u>Ovary</u>			
Total	2.69	1	NC*	Female	0.40	0	NC*
<u>Esophagus</u>				<u>Pancreas</u>			
Male	0.24	2	NC*	Male	0.26	0	NC*
Female	0.05	0	NC*	Female	0.18	0	NC*
Total	0.30	2	NC*	Total	0.44	0	NC*
<u>Hodgkin's Disease</u>				<u>Prostate</u>			
Male	0.10	0	NC*	Male	3.99	3	NC*
Female	0.07	1	NC*	<u>Stomach</u>			
Total	0.17	1	NC*	Male	0.27	0	NC*
<u>Kidney and Renal Pelvis</u>				Female	0.12	0	NC*
Male	0.39	3	NC*				
Female	0.18	0	NC*				

Total	0.57	3	NC*
<u>Larynx</u>			
Male	0.23	0	NC*
Female	0.05	0	NC*
Total	0.27	0	NC*

<u>Leukemia</u>			
Male	0.29	1	NC*
Female	0.17	0	NC*
Total	0.46	1	NC*

<u>Liver and Intrahepatic Bile Ducts</u>			
Male	0.14	0	NC*
Female	0.04	0	NC*
Total	0.18	0	NC*

<u>Lung and Bronchus</u>			
Male	2.11	1	NC*
Female	1.24	0	NC*
Total	3.34	1	NC*

Total	0.39	0	NC*
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<u>Testis</u>			
Male	0.14	1	NC*

<u>Thyroid</u>			
Male	0.08	0	NC*
Female	0.20	1	NC*
Total	0.28	1	NC*

<u>Uteri, Corpus and Uterus, NOS</u>			
Female	0.63	0	NC*

<u>All Sites / Types</u>			
Male	13.10	15	114
Female	9.78	11	112
Total	22.88	26	114

Exp = expected case count, based on the Massachusetts average age-specific incidence rates for this cancer

Obs = observed case count

SIR = standardized incidence ratio [**Obs** / **Exp**] X 100]

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^ indicates statistical significance at the $p \leq 0.001$ level, as well as at the $p \leq 0.01$ and $p \leq 0.05$ levels

Chicopee

Expected and Observed Case Counts, with Standardized Incidence Ratios, 1994 - 1998

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<u>Bladder, Urinary</u>			
Male	40.92	42	103
Female	17.21	19	110
Total	58.13	61	105

<u>Brain and Other Central Nervous System</u>			
Male	12.09	7	58
Female	10.33	14	136
Total	22.42	21	94

<u>Breast</u>			
Male	2.54	4	NC*
Female	247.99	232	94
Total	250.52	236	94

<u>Cervix Uteri</u>			
Female	13.99	10	71

<u>Colon / Rectum</u>			
Male	102.60	94	92
Female	108.34	95	88
Total	210.93	189	90

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<u>Melanoma of Skin</u>			
Male	23.72	22	93
Female	19.11	9	47 #-
Total	42.83	31	72

<u>Multiple Myeloma</u>			
Male	7.56	8	106
Female	7.36	5	68
Total	14.91	13	87

<u>Non-Hodgkin's Lymphoma</u>			
Male	30.37	18	59 #-
Female	30.36	15	49 ~-
Total	60.73	33	54 ^-

<u>Oral Cavity and Pharynx</u>			
Male	24.04	25	104
Female	12.59	6	48
Total	36.63	31	85

<u>Ovary</u>			
Female	28.86	35	121

Esophagus

Male	14.15	21	148
Female	5.62	7	125
Total	19.77	28	142

Hodgkin's Disease

Male	5.41	2	NC*
Female	4.73	10	211 #+
Total	10.15	12	118

Kidney and Renal Pelvis

Male	22.38	21	94
Female	15.23	11	72
Total	37.61	32	85

Larynx

Male	12.78	11	86
Female	3.67	5	136
Total	16.45	16	97

Leukemia

Male	16.80	12	71
Female	14.09	9	64
Total	30.89	21	68

Liver and Intrahepatic Bile Ducts

Male	8.28	7	85
Female	3.92	5	128
Total	12.19	12	98

Lung and Bronchus

Male	128.35	140	109
Female	106.78	91	85
Total	235.13	231	98

Pancreas

Male	15.69	25	159 #+
Female	18.78	24	128
Total	34.47	49	142 #+

Prostate

Male	242.79	205	84 #-
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Stomach

Male	16.95	23	136
Female	11.62	14	120
Total	28.57	37	130

Testis

Male	7.95	10	126
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Thyroid

Male	4.44	5	113
Female	12.35	5	40 #-
Total	16.78	10	60

Uteri, Corpus and Uterus, NOS

Female	47.83	57	119
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All Sites / Types

Male	793.67	753	95
Female	801.01	740	92 #-
Total	1594.68	1493	94 #-

Exp = expected case count, based on the Massachusetts average age-specific incidence rates for this cancer

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SIR = standardized incidence ratio [**Obs / Exp**] X 100]

* = **SIR** and statistical significance not calculated when **Obs** < 5

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indicates statistical significance at the $p \leq 0.05$ level

~ indicates statistical significance at the $p \leq 0.01$ level, as well as at the $p \leq 0.05$ level

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Chilmark

Expected and Observed Case Counts, with Standardized Incidence Ratios, 1994 - 1998

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<u>Bladder, Urinary</u>				<u>Melanoma of Skin</u>			
Male	0.67	3	NC*	Male	0.37	1	NC*
Female	0.21	0	NC*	Female	0.24	1	NC*
Total	0.88	3	NC*	Total	0.61	2	NC*
<u>Brain and Other Central Nervous System</u>				<u>Multiple Myeloma</u>			
Male	0.18	0	NC*	Male	0.12	0	NC*
Female	0.13	0	NC*	Female	0.09	0	NC*
Total	0.31	0	NC*	Total	0.21	0	NC*
<u>Breast</u>				<u>Non-Hodgkin's Lymphoma</u>			

Male	0.04	0	NC*
Female	3.11	7	225
Total	3.15	7	222

Cervix Uteri

Female	0.18	0	NC*
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Colon / Rectum

Male	1.64	0	NC*
Female	1.33	3	NC*
Total	2.98	3	NC*

Esophagus

Male	0.22	0	NC*
Female	0.07	2	NC*
Total	0.29	2	NC*

Hodgkin's Disease

Male	0.08	0	NC*
Female	0.06	0	NC*
Total	0.13	0	NC*

Kidney and Renal Pelvis

Male	0.35	0	NC*
Female	0.19	0	NC*
Total	0.53	0	NC*

Larynx

Male	0.20	0	NC*
Female	0.05	0	NC*
Total	0.24	0	NC*

Leukemia

Male	0.26	3	NC*
Female	0.17	0	NC*
Total	0.44	3	NC*

Liver and Intrahepatic Bile Ducts

Male	0.13	0	NC*
Female	0.05	0	NC*
Total	0.18	0	NC*

Lung and Bronchus

Male	1.99	1	NC*
Female	1.30	1	NC*
Total	3.29	2	NC*

Male	0.47	1	NC*
Female	0.37	0	NC*
Total	0.85	1	NC*

Oral Cavity and Pharynx

Male	0.37	0	NC*
Female	0.16	1	NC*
Total	0.53	1	NC*

Ovary

Female	0.36	0	NC*
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Pancreas

Male	0.25	0	NC*
Female	0.23	0	NC*
Total	0.48	0	NC*

Prostate

Male	3.72	7	188
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Stomach

Male	0.28	0	NC*
Female	0.14	0	NC*
Total	0.42	0	NC*

Testis

Male	0.10	0	NC*
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Thyroid

Male	0.06	0	NC*
Female	0.16	0	NC*
Total	0.22	0	NC*

Uteri, Corpus and Uterus, NOS

Female	0.60	0	NC*
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All Sites / Types

Male	12.35	17	138
Female	9.93	15	151
Total	22.28	32	144

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Clarksburg

Expected and Observed Case Counts, with Standardized Incidence Ratios, 1994 - 1998

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<u>Bladder, Urinary</u>				<u>Melanoma of Skin</u>			
Male	1.41	1	NC*	Male	0.85	2	NC*
Female	0.50	0	NC*	Female	0.60	0	NC*
Total	1.91	1	NC*	Total	1.44	2	NC*
<u>Brain and Other Central Nervous System</u>				<u>Multiple Myeloma</u>			
Male	0.43	0	NC*	Male	0.27	0	NC*
Female	0.32	0	NC*	Female	0.23	0	NC*
Total	0.74	0	NC*	Total	0.49	0	NC*
<u>Breast</u>				<u>Non-Hodgkin's Lymphoma</u>			
Male	0.09	0	NC*	Male	1.06	1	NC*
Female	7.98	2	NC*	Female	0.91	1	NC*
Total	8.07	2	NC*	Total	1.97	2	NC*
<u>Cervix Uteri</u>				<u>Oral Cavity and Pharynx</u>			
Female	0.44	1	NC*	Male	0.89	1	NC*
				Female	0.39	1	NC*
				Total	1.29	2	NC*
<u>Colon / Rectum</u>				<u>Ovary</u>			
Male	3.53	3	NC*	Female	0.92	0	NC*
Female	3.16	2	NC*				
Total	6.69	5	75				
<u>Esophagus</u>				<u>Pancreas</u>			
Male	0.51	0	NC*	Male	0.55	1	NC*
Female	0.16	0	NC*	Female	0.55	0	NC*
Total	0.68	0	NC*	Total	1.10	1	NC*
<u>Hodgkin's Disease</u>				<u>Prostate</u>			
Male	0.18	2	NC*	Male	8.62	4	NC*
Female	0.14	0	NC*				
Total	0.31	2	NC*				
<u>Kidney and Renal Pelvis</u>				<u>Stomach</u>			
Male	0.81	1	NC*	Male	0.59	1	NC*
Female	0.47	0	NC*	Female	0.34	1	NC*
Total	1.28	1	NC*	Total	0.93	2	NC*
<u>Larynx</u>				<u>Testis</u>			
Male	0.47	0	NC*	Male	0.25	0	NC*
Female	0.12	0	NC*				
Total	0.59	0	NC*				
<u>Leukemia</u>				<u>Thyroid</u>			
Male	0.58	0	NC*	Male	0.16	0	NC*
Female	0.42	1	NC*	Female	0.38	0	NC*
Total	1.00	1	NC*	Total	0.54	0	NC*
<u>Liver and Intrahepatic Bile Ducts</u>				<u>Uteri, Corpus and Uterus, NOS</u>			
Male	0.30	1	NC*	Female	1.56	2	NC*
Female	0.12	0	NC*				
Total	0.41	1	NC*				
<u>Lung and Bronchus</u>				<u>All Sites / Types</u>			
Male	4.52	3	NC*	Male	27.92	24	86
Female	3.31	1	NC*	Female	24.80	13	52 #-
Total	7.83	4	NC*	Total	52.72	37	70 #-

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Clinton

Expected and Observed Case Counts, with Standardized Incidence Ratios, 1994 - 1998

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<u>Bladder, Urinary</u>				<u>Melanoma of Skin</u>			
Male	8.06	8	99	Male	4.93	4	NC*
Female	3.55	4	NC*	Female	4.19	1	NC*
Total	11.62	12	103	Total	9.12	5	55
<u>Brain and Other Central Nervous System</u>				<u>Multiple Myeloma</u>			
Male	2.59	2	NC*	Male	1.49	1	NC*
Female	2.27	1	NC*	Female	1.53	2	NC*
Total	4.86	3	NC*	Total	3.02	3	NC*
<u>Breast</u>				<u>Non-Hodgkin's Lymphoma</u>			
Male	0.51	0	NC*	Male	6.35	6	95
Female	52.42	43	82	Female	6.44	6	93
Total	52.93	43	81	Total	12.79	12	94
<u>Cervix Uteri</u>				<u>Oral Cavity and Pharynx</u>			
Female	3.18	2	NC*	Male	4.92	7	142
				Female	2.63	1	NC*
				Total	7.55	8	106
<u>Colon / Rectum</u>				<u>Ovary</u>			
Male	20.26	28	138	Female	6.17	8	130
Female	22.47	24	107				
Total	42.73	52	122				
<u>Esophagus</u>				<u>Pancreas</u>			
Male	2.82	2	NC*	Male	3.13	1	NC*
Female	1.16	1	NC*	Female	3.87	5	129
Total	3.98	3	NC*	Total	6.99	6	86
<u>Hodgkin's Disease</u>				<u>Prostate</u>			
Male	1.31	1	NC*	Male	47.78	47	98
Female	1.14	0	NC*				
Total	2.44	1	NC*				
<u>Kidney and Renal Pelvis</u>				<u>Stomach</u>			
Male	4.51	3	NC*	Male	3.38	7	207
Female	3.19	2	NC*	Female	2.41	1	NC*
Total	7.70	5	65	Total	5.79	8	138
<u>Larynx</u>				<u>Testis</u>			
Male	2.57	5	195	Male	2.04	2	NC*
Female	0.76	0	NC*				
Total	3.32	5	150				
<u>Leukemia</u>				<u>Thyroid</u>			
Male	3.48	3	NC*	Male	1.00	2	NC*
Female	3.04	3	NC*	Female	2.90	4	NC*

Total	6.52	6	92	Total	3.90	6	154
<u>Liver and Intrahepatic Bile Ducts</u>				<u>Uteri, Corpus and Uterus, NOS</u>			
Male	1.67	2	NC*	Female	9.98	11	110
Female	0.81	1	NC*				
Total	2.49	3	NC*				
<u>Lung and Bronchus</u>				<u>All Sites / Types</u>			
Male	25.35	28	110	Male	159.18	176	111
Female	22.18	26	117	Female	168.98	166	98
Total	47.53	54	114	Total	328.16	342	104

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